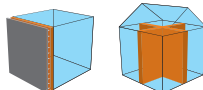




## NaturBoard VENTACUSTO

Insulation slab for ventilated facades, drywall lining and partition walls with improved sound insulation properties



### Product description

NaturBoard VENTACUSTO is a compact rock mineral wool slab of stable density, belongs to the group of semi-hard products. The product is non-combustible, resistant to high temperatures, water-repellent, resistant to aging and chemically neutral.

### Dimensions and packaging

Thickness (mm)	Width (mm)	Length (mm)	pcs / package	m <sup>2</sup> / package	m <sup>3</sup> / package
30	600	1000	12	7,2	0,22
40	600	1000	9	5,4	0,22
50	600	1000	8	4,8	0,24
60	600	1000	6	3,6	0,22
70	600	1000	6	3,6	0,25
80	600	1000	4	2,4	0,19
90	600	1000	4	2,4	0,22
100	600	1000	3	1,8	0,18
120	600	1000	3	1,8	0,22
150	600	1000	3	1,8	0,27
200	600	1000	2	1,2	0,24

### Basic Properties

#### Thermal conductivity

Low value of thermal conductivity  
 $\lambda_0=0.035$  W/mK

#### Reaction to fire

Non-combustible material A1

#### Sound insulation

Excellent sound absorption due to dense fibre structure.

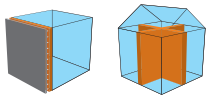
### Advantages

- Stable and compact material
- Water repellent and vapour permeable
- Increased safety in case of fire
- Resistance to aging
- The material meets health, safety and environmental requirements

## NaturBoard VENTACUSTO

### Technical characteristics

Characteristics	Symbol	Value
Dedared coefficient of thermal conductivity $\lambda_0$	W/mk	0,035
Reaction to fire	-	A1 - non-combustible material
Air flow resistance r	kPa·s/m <sup>3</sup>	>5
Diffusion resistance factor $\mu$	-	>1



### Application

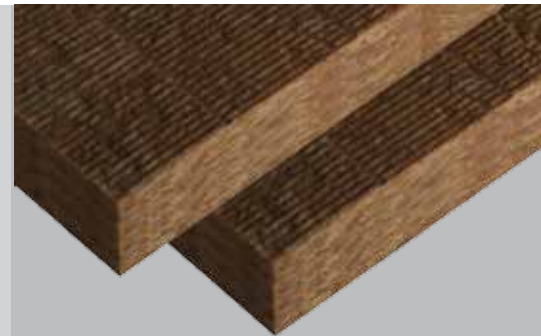
The product is intended for thermal and sound insulation, as well as for fire protection of ventilated facades of height between 12 and 20m, drywall linings and partition walls as well as for parts of the structure where the sound performance requirements are increased – it can also be used separately, as an absorption lining.

### Mineral Wool with ECOSE® Technology

Since January 2016, NaturBoard family of Rock Mineral Wool products is produced with ECOSE® Technology - innovative binder technology with no added formaldehyde, based on rapidly renewable materials from nature instead of oil based chemicals.

### Packaging

The product NaturBoard VENTACUSTO is delivered in PE heat-shrinking foil. The products must be stored indoors or under roof. In exceptional situations, the packages stored outdoors should be protected by watertight foil. The packages must not be placed directly on the ground.



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